

Amended Claims

1. (Previously presented) The storage medium as set forth in claim 11, the method further comprising:

recognizing initiation of the application program instance; and

responsive to the recognizing, generating one or more selected events that modify, expand, or limit behavior of the application program instance.

2. (Currently amended) The storage medium as set forth in claim 1, wherein the recognizing of initiation of the application program instance includes:

Causing the initiation of the application program instance.

3. (Currently amended) The storage medium as set forth in claim 1, wherein the recognizing of initiation of the application program instance includes:

(a) identifying a plurality of data files;

(b) initiating the application program instance for at least a selected data file; and

the step of generating one or more selected events that modify, expand, or limit behavior of the application program instance including:

(c) generating events corresponding to user inputs of the application program instance that effect:

loading the selected data file into the application program instance,

performing selected data manipulation operations on data of the selected data file to generate modified data,

saving the modified data in the selected data file, and

closing the loaded data file.

4. (Previously presented) The storage medium as set forth in claim 1, wherein the generating of one or more selected events that modify, expand, or limit behavior of the application program instance includes:

generating a selected initiation event substantially immediately upon the initiation of the application program instance, the selected initiation event effecting a change in a user interface of the application program instance.

5. (Previously presented) The storage medium as set forth in claim 4, wherein the change in a user interface of the application program instance includes: disabling at least some user inputs.

6-7. (Canceled)

8. (Previously presented) The storage medium as set forth in claim 1, wherein the generating of one or more selected events that modify, expand, or limit behavior of the application program instance includes:

generating events which modify expand, or limit behavior of a resource that the application program instance accesses.

9. (Previously presented) The storage medium as set forth in claim 8, wherein the resource that the application program instance accesses includes one of:

a user dialog window or object, and
a program menu.

10. (Previously presented) The storage medium as set forth in claim 1, wherein the generating of one or more selected events that modify, expand, or limit behavior of the application program instance include:

generating an event which causes the application program instance to terminate execution.

11. (Currently amended) A storage medium encoding instructions which when executed on a computer perform a method for controlling an instance of an event driven application program, the method comprising:

monitoring an event queue to detect a selected event associated with the application program instance; and

responsive to detecting the selected event, generating a control event and inserting the control event into the event queue, wherein response of the application program instance to the inserted control event which affects execution of the application program instance.

12. (Previously presented) The storage medium as set forth in claim 11, wherein the selected event is associated with a generation of a user input object, and the control event corresponds to a user input event which the user input object acts upon.

13. (Previously presented) The storage medium as set forth in claim 11, wherein the selected event is associated with a generation of a user input object, and the control event causes at least one user input of the user input object to become inoperative.

14. (Previously presented) The storage medium as set forth in claim 11, wherein the selected event is associated with a generation of a save file dialog object including user input options for saving the file and for exiting without saving, and the control event is a user input event corresponding to the user input option for saving the file.

15. (Previously presented) The storage medium as set forth in claim 11, wherein the selected event is associated with a generation of a save file dialog object including user input options for saving the file and for exiting without saving, and the control event causes one of the option for saving the file and the option for exiting without saving to be removed from the save file dialog object.

16. (Previously presented) The storage medium as set forth in claim 11, further including:

detecting initiation of the application program instance; and
responsive to the detecting and prior to the monitoring, generating an initiating event that causes a user interface of the application program instance to be modified.

17. (Currently amended) A storage medium storing a control program comprising executable instructions for controlling an application program, the control program performing a method comprising:

detecting an initiation of an instance of the application program; and
prior to a user input, generating and inserting into an event queue at least one initiating event, the at least one initiating event being that is detected in the event queue and acted upon by the application program or a resource accessed by the application program to affect a user interface of the application program instance.

18. (Previously presented) The storage medium as set forth in claim 17, wherein the generating of at least one initiating event includes:

generating an initiating event that is detected and acted upon by a program menu resource to modify menu choices thereof.

19. (Previously presented) The storage medium as set forth in claim 17, wherein the generating of at least one initiating event includes:

generating at least one initiating event that disables user inputs;

generating at least one initiating event that loads selected data into the application program instance;

generating at least one initiating event that causes the application program instance to perform at least one selected operation on the selected data to produce modified data; and

generating at least one initiating event that causes the application program instance to save the modified data.

20. (Previously presented) The storage medium as set forth in claim 17, wherein the method further includes:

monitoring events to detect a selected event; and

responsive to detection of the selected event, generating at least one control event that is detected and acted upon by the application program or a resource accessed by the application program to control execution of the application program instance.

21. (Previously presented) An apparatus comprising:

a computer including (i) an operating system that handles events generated by a user input, by the operating system, or by programs or objects operating under the operating system and (ii) an application program operating under the operating system; and

a storage medium encoding instructions which when executed on the computer define a control program operating under the operating system, the control program generating a control event that is detected and acted upon by the application program to cause the application program to perform a selected operation.

22. (Previously presented) The apparatus as set forth in claim 21, wherein the control program detects a selected trigger event and generates the control event in response thereto.

23. (Previously presented) The apparatus as set forth in claim 21, wherein the operating system maintains an application program event queue for the application program, and the control program monitors the application program event queue.

24. (Currently amended) A storage medium encoding instructions which when executed on a computer in conjunction with concurrent execution of an operating system and a selected program perform a method comprising:

executing a control program that operates independently of the selected program and that controls the selected program by generating events that are received by the operating system and placed into a program event queue associated with the selected program, the selected program performing predetermined operations in response to the generated events, the predetermined operations producing a desired modification in an execution of the selected program.

25. (Canceled)

26. (Currently amended) A storage medium encoding instructions which when executed on a computer perform a method for controlling execution of a selected controlled application operating in an operating system environment loaded

onto the computer that maintains an application event queue associated with the selected controlled application, the method comprising:

executing a control program independently from the controlled application,
wherein the executing control program is configured to control the controlled
application by inserting one or more control events into the application event queue,
the one or more control events producing a predetermined response by the selected
controlled application or a resource accessed by the selected controlled application.

27. (Currently amended) The storage medium as set forth in claim 26, wherein the operating system environment is a Windows based operating system environment, ~~the method further including and the executing control program is further configured to:~~

~~prior to the inserting, monitoring monitor~~ a task list maintained by the Windows operating system; and

upon detecting an initiation of execution of the controlled application based on the monitoring, performing the inserting ~~being performed~~ responsive to the detecting.

28. (Currently amended) The storage medium as set forth in claim 27, wherein the predetermined response by the selected controlled application includes shutting down the selected controlled application.

29. (Previously presented) The storage medium as set forth in claim 26, wherein the operating system environment is a Windows based operating system environment, ~~the method further including and the executing control program is further configured to:~~

monitoring monitor the application event queue maintained by the Windows operating system; and

upon detecting an addition of a selected event to the application event queue based on the monitoring, performing the inserting ~~being performed~~ responsive to the detecting.